

Fatal Crash Review

Location: Layhill Road (MD 182) at Norbeck Road (MD 28)

Accident Date: Sunday, March 1, 2020

Accident Time: Approximately 1:11 AM

Local case number: 200010202

Review Date: March 11, 2020

Location and Site Description:

MD 182 is a principal arterial roadway with an approximately 7' wide concrete median that runs a north-south direction with a posted speed limit of 45 MPH in the urban area. The width of the roadway is approximately 100'. There are 2 travel lanes and a left turn lane in northbound direction and in southbound direction. There are shoulders on both sides of the roadway. Parking is prohibited on both sides of the roadway. MD 28 is a principal arterial roadway with an approximately 12' wide grass median that runs an east-west direction with a posted speed limit of 40 MPH in the urban area and intersect with MD 182. Sidewalk with ADA ramps are present on both sides of the roadway at this intersection. The free right turn lane is present on each quadrant of the intersection. The traffic signal at this intersection is programmed to flash late night from the 12:30 AM to 5:30 AM, 7 days a week. The signal flashes Yellow for Norbeck Road and Red for a Layhill Road. There was no reported malfunction of the signal. There are three streetlights, 1 streetlight in the northwest corner, 1 streetlight in the northeast corner, and 1 streetlight in the southeast corner at the subject location and all three lights were found operational. Please see the attached picture 1 for existing condition.

Description of Crash:

The preliminary investigation report from Montgomery County Police Department indicated that the fatal crash occurred on March 1st, 2020 when motorist was travelling west on Norbeck Road when it struck a vehicle which was traveling on north of Layhill Road. The collision occurred around 1:11 AM. The roadway condition was dry, and weather was clear.

Observations:

The pavement markings consist of edge lines and lane lines which are in good condition. The required stopping sight distance for speed 40 MPH is 305', 45 MPH is 360', and 50 MPH is 425'. The existing stopping sight distance is adequate for speed range between 40 MPH and 50 MPH. The existing signs are in good condition and are visible to oncoming traffic.

Conclusions / Recommendations

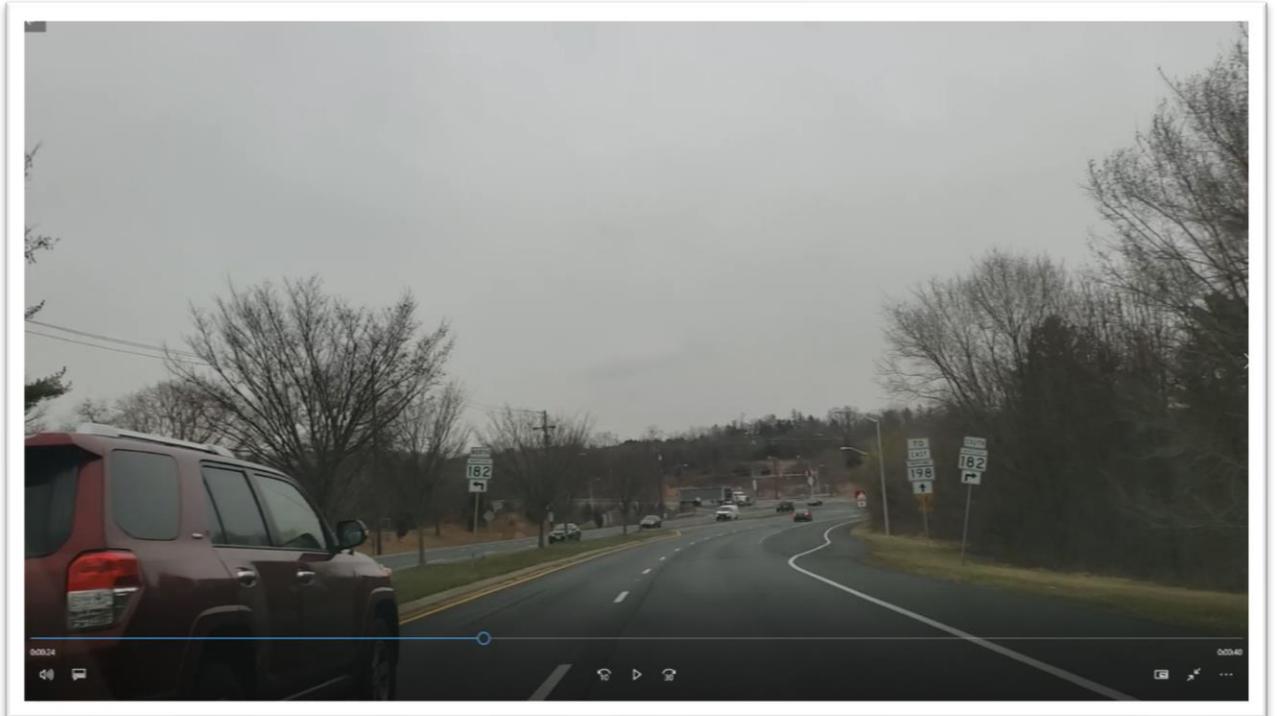
Recommendation(s): There is no recommendation at this time.

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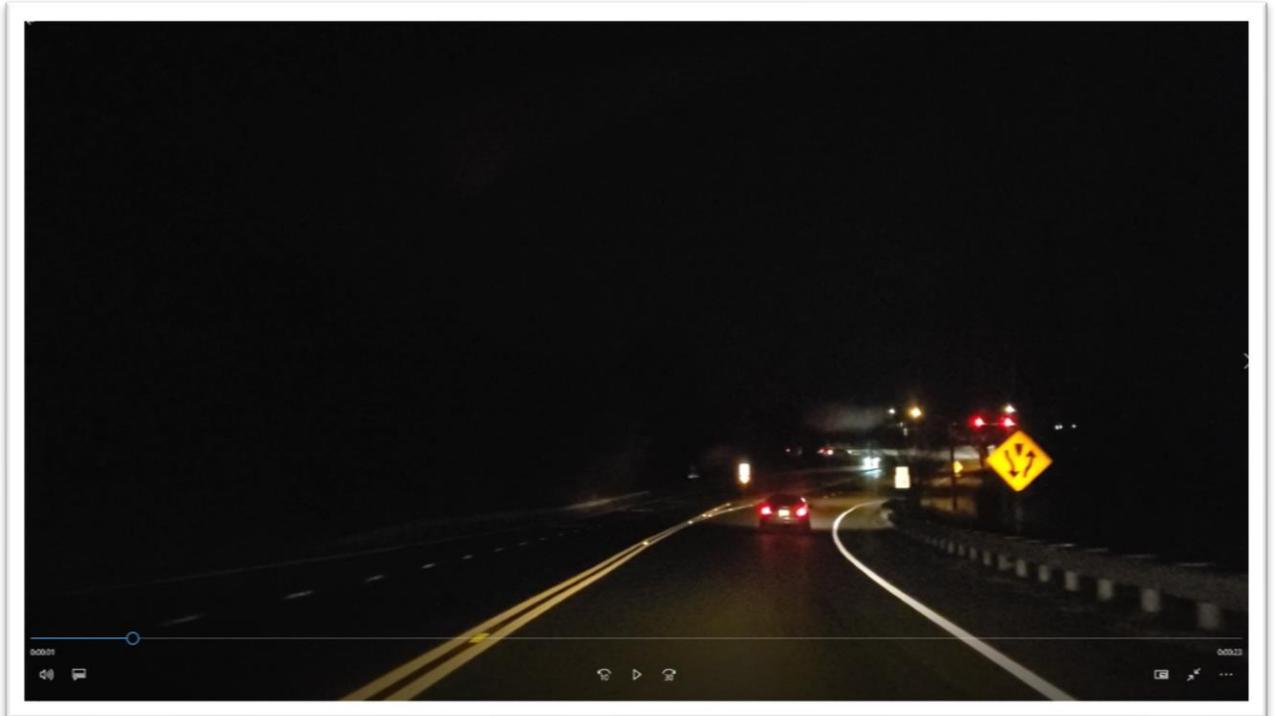
Attachment:

Existing condition pictures

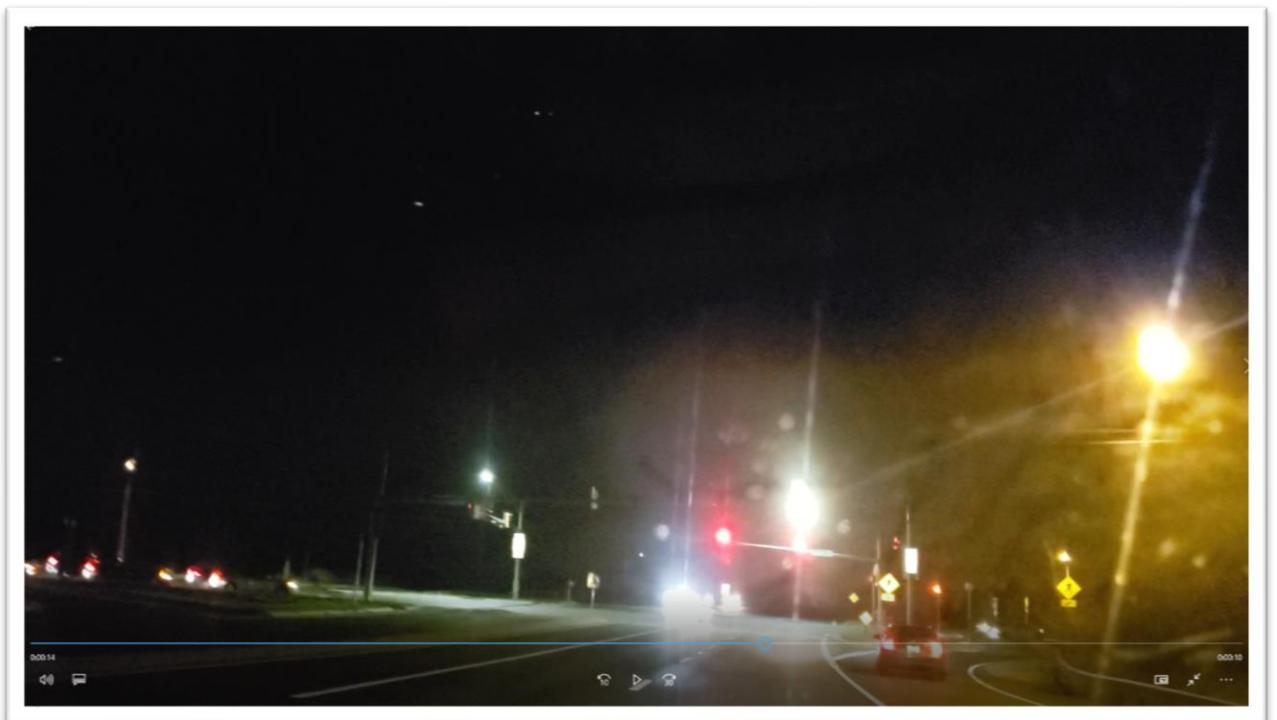
Cc: MDOTSHA – District 3



EB Norbeck Road approaching Layhill Rd



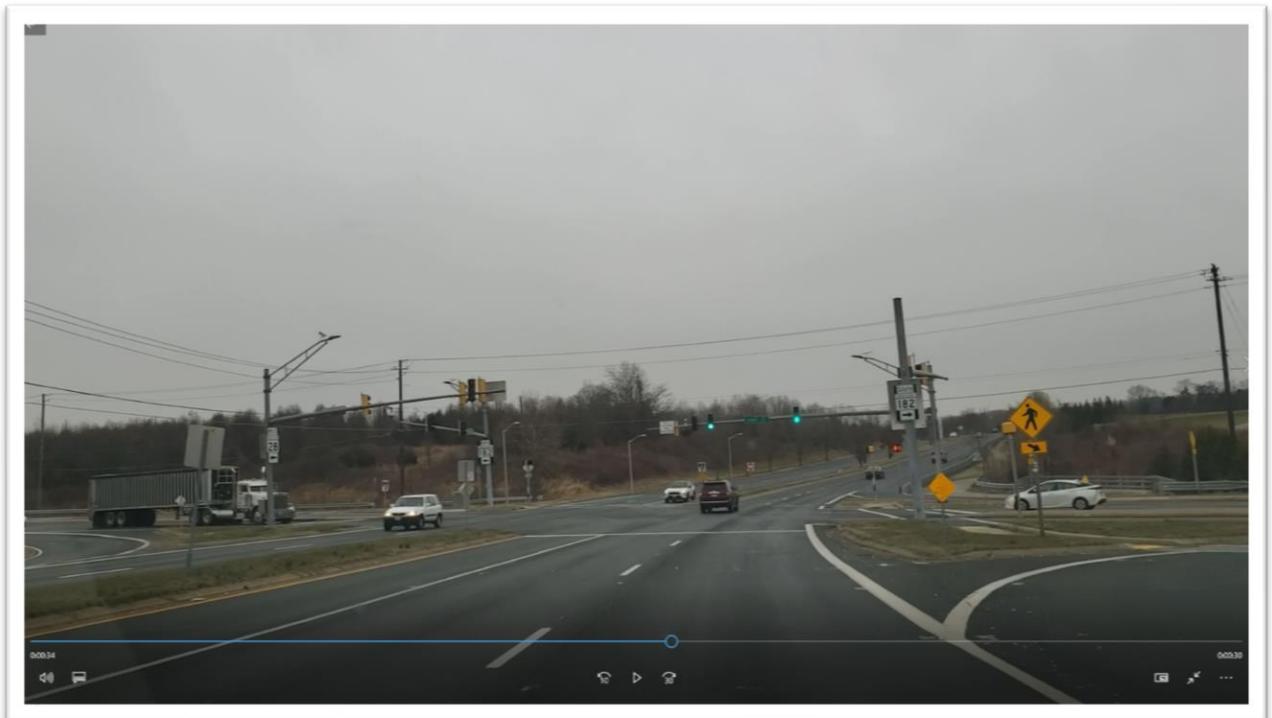
EB Norbeck Road approaching Layhill Road



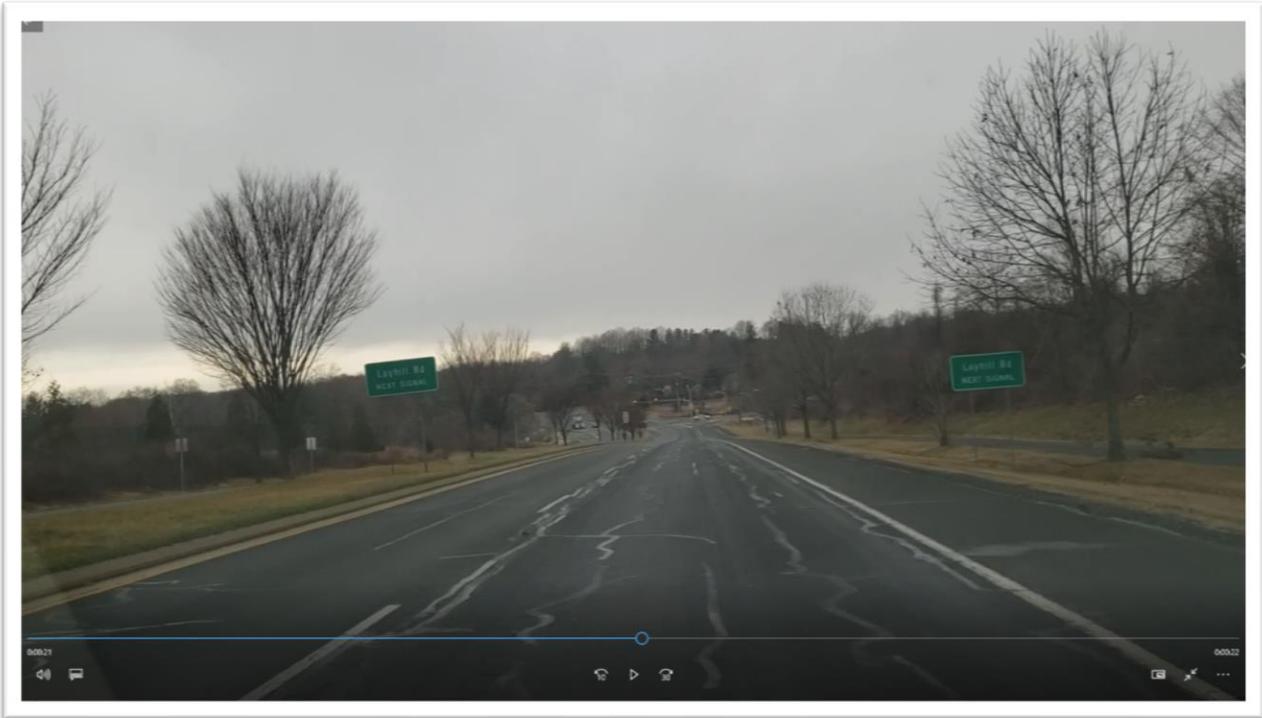
EB Norbeck Road approaching Layhill Rd



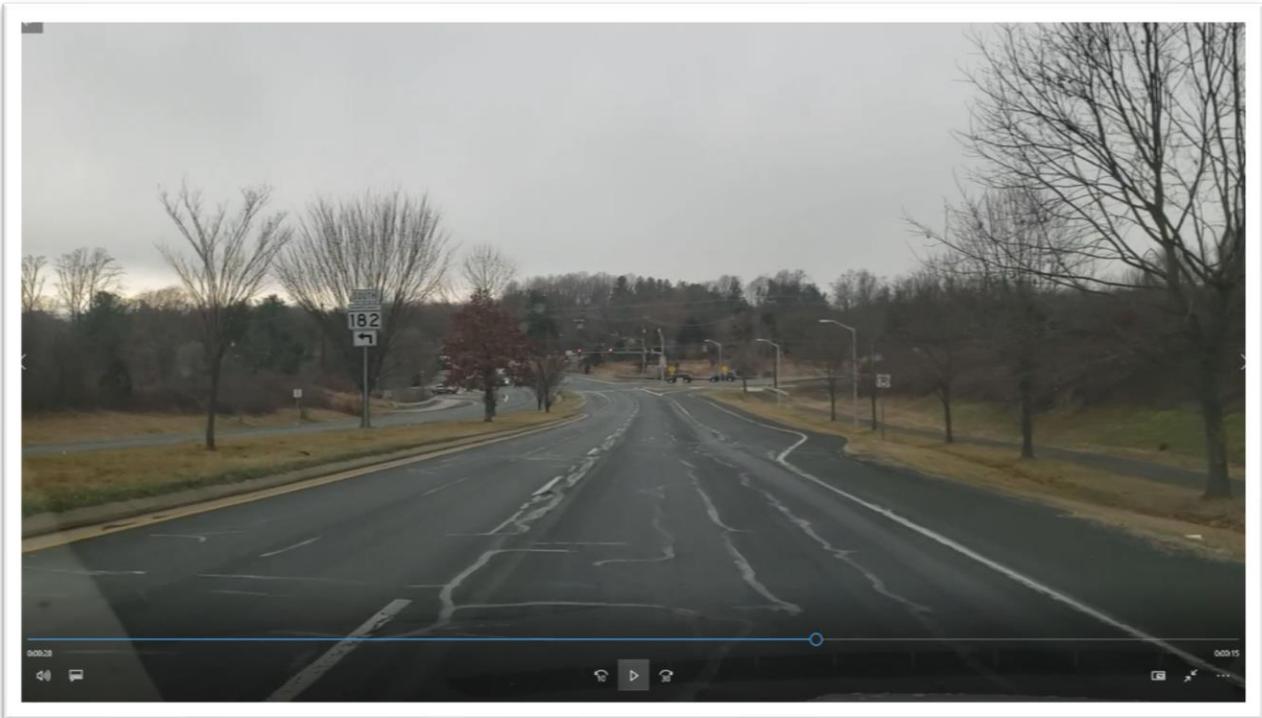
EB Norbeck Road approaching to Layhill Road



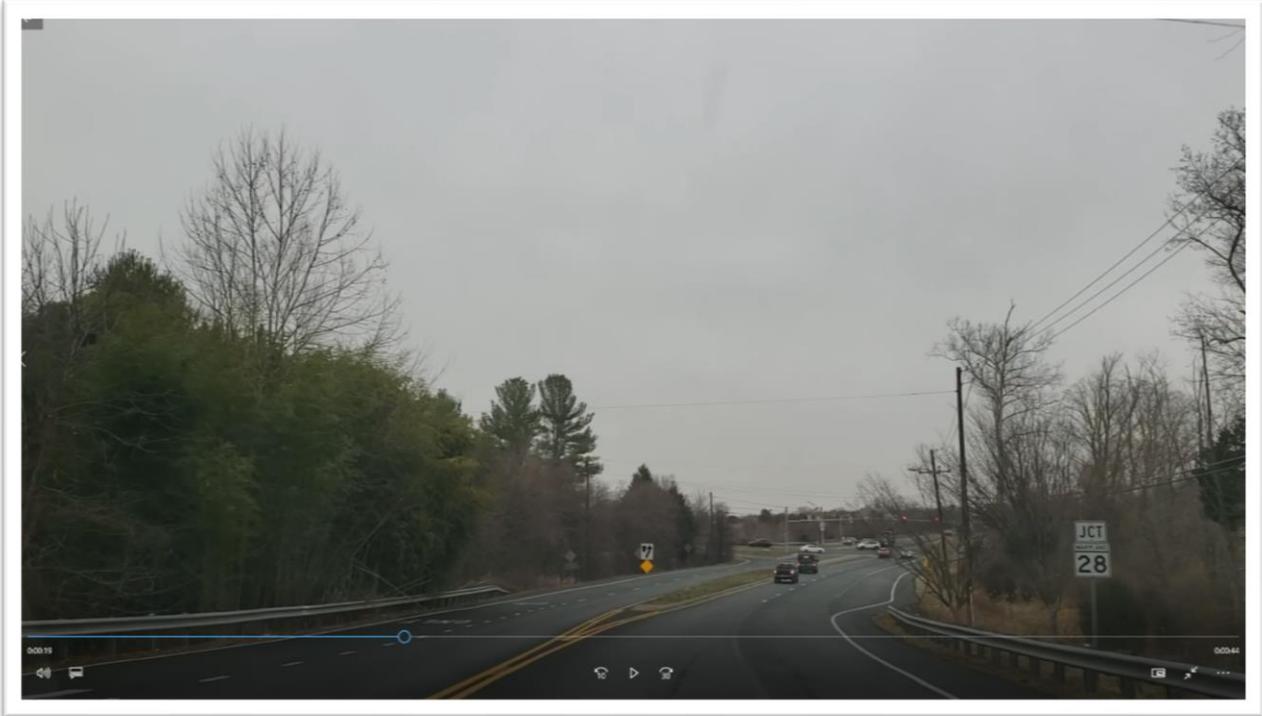
Three streetlights on each porkchop Island except southwest corner of the intersection



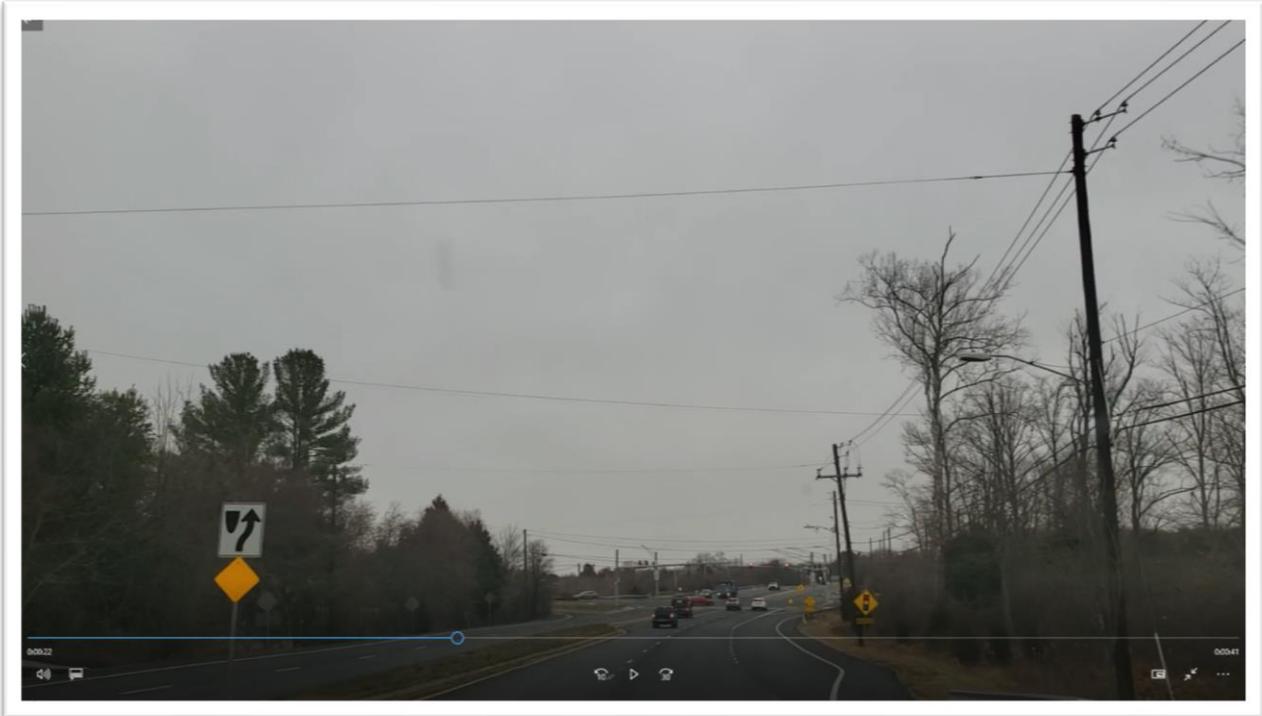
WB Norbeck Road approaching Layhill Road



WB Norbeck Road approaching Layhill Road



NB Layhill Road approaching Norbeck Road



NB Layhill Road approaching Norbeck Road



SB Layhill Road approaching Norbeck Road